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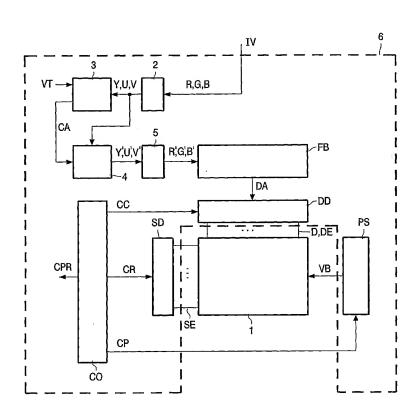
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(54) Title: ACTIVE MATRIX DISPLAY WITH PIXEL TO PIXEL NON-UNIFORMITY IMPROVEMENT AT LOW LUMINANCE LEVEL



(57) Abstract: An active matrix display (1) comprises a pixel (P) including sub-pixels (10), and a drive circuit (6) which receives an input signal (IV) determining a desired luminance (BR) and a desired color (AC) of the pixel (P). The drive circuit (6) comprises a level detector (3) which determines whether the desired luminance (BR) is below a predetermined level (VT), and a controller (4) for, when the desired luminance (BR) is below the predetermined level (VT), (i) changing a number of the sub-pixels (10) contributing to the desired luminance (BR) into a lower number than optimally required to obtain the desired color (AC), and (ii) increasing a level of at least one of said contributing sub-pixels (10) to obtain a higher luminance of this one of said contributing sub-pixels (10) than if all the sub-pixels (10) required to obtain the desired color (AC) would contribute to the desired luminance (BR):

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